

REMARKS

Applicants have considered the Notice of Allowance, and accompanying Examiner's Amendment, mailed July 1, 2005 in connection with the above-identified patent application and respectfully request entry of the instant Amendment and remarks to the file history thereof. Applicants respectfully point out that none of the Examiner's amendments, as entered July 1, 2005, is disturbed by Applicants' amendments presented herein, except where errors of a typographical nature are involved.

Applicants thank the Examiner for courtesies extended during a telephone discussion with the undersigned on September 30, 2005 during which the instant claim amendments were discussed.

Applicants also kindly thank Examiner Gordon for his communication dated August 15, 2005, in which he supplied Examiner-initialled copies of PTO-1449 forms originally submitted to the Office by Applicants on June 15, 2004, and May 17, 2005 in the subject application. Applicants now request that the Examiner ensures that the PTO's PAIR System is updated to reflect the Examiner's consideration of the references listed on the PTO 1449 forms, in order that the listed references appear on the face of the patent that issues from the instant application.

Finally Applicants now respectfully request that the Office notes the new attorney docket no. (19662-021001) for the subject application and updates their records with the same.

Amendments to the Claims

Allowed claims are claims 1-13, 15-38, 52, and 53. With this Amendment, Applicants amend claims 2, 4 - 6, 13, 16-20, 23, 25, 26, 33, and 34 to correct various informalities, and add new claim 54.

Claim 2 is amended to replace 'and' with 'or', thus reciting electrical or optical signals in the alternative. Support for this amendment can be found in the specification as filed, at page 17, lines 21-23 wherein the various types of signal are discussed as alternatives.

Claims 4 - 6, 13, 16 - 20, 23, 25, 26, 33, and 34 are amended herein to address various informalities of punctuation and antecedent basis with respect to various terms.

New claim 54 depends from claim 27 and recites a computer readable medium for performing a method recited in said claim. Support for this new claim can be found at page 10, lines 1-3 of the specification as filed.

Applicants respectfully submit that the amendments herein do not introduce new matter into the subject application and do not effect a material change to the scope of the claims. Accordingly, a reopening of prosecution is not warranted on the basis of these amendments. Furthermore, Applicants respectfully submit that need for the subject amendments was only appreciated upon review of the complete set of allowed claims. Therefore, Applicants respectfully request that the instant amendments be entered into the file history of the subject application.

CONCLUSION

In view of the above remarks, Applicants respectfully submit that the subject application is in good and proper order to proceed to issue. If, in the opinion of the Examiner, a telephone conference would resolve any outstanding matters not heretofore resolved, the Examiner is encouraged to call the undersigned at (650) 839-5070.

No fee is believed owed in connection with filing of this amendment under Rule 312, other than the issue fee and fee for additional claim authorized on the accompanying transmittals. Nevertheless, should the Commissioner determine otherwise, he is authorized to charge any underpayment or credit any overpayment to Fish & Richardson P.C. Deposit Account No. 06-1050 (order no. 19662-021001) for the appropriate amount. A copy of this sheet is attached.

Respectfully submitted,

Date: October 3rd, 2005

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